U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

MAY 1 1 2008 Sheet

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

4

Complete if Known							
Application Number	10/735,590						
Filing Date	December 12, 2003						
First Named Inventor	Dan Jones						
Group Art Unit	2154						
Examiner Name	Not Yet Assigned						
Attorney Docket Number	45098.000014.UTL1						

	U.S. PATENT DOCUMENTS									
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where					
Initials*	No.	Number-Kind Code ²	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant . Figures Appear					
RNS	1	US-6,237,025 B1								
RNS	2	US-5859974								
RNS	3	US-6151621			**************************************					
RNS	4	US-6,343,313 B1								
RNS	5	US-5951652								
RNS	6	US-5809247								
RNS	7	U\$-5778368			· · · · · · · · · · · · · · · · · · ·					
RNS	8	US-5754830								
RNS	9	US-5706502								
RNS	10	US-5608426								
RNS	11	US-5583993								
RNS	12	US-5530795								
RNS	13	US-5634018								
RNS	14	US-5440699								
RNS	15	US-5623603								
RNS	16	US-5649104								
RNS	17	US-5608872								
RNS	18	US-5781909								
RNS	19	US-5944791								

					N PATENT DOC	UMENTS		
Examiner Initials	Cite No.1		Foreign Patent Docum try Code ³ Number ⁴ Kind ⁵		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
RNS	1	EP	EP 0622931	A2				
RNS	2	EP	EP 0874323	A1				\vdash
RNS	3	DE	DE 19717167/EP 0874323	A1				
RNS	4	JP	JP 7049837	A				\vdash
RNS	5	EP	EP 0908824	A2				<u> </u>

Examiner Signature	Rowodh Sersa	Date Considered	7/21/05	
		1 CONSIDERED		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0851-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute for form 1449A		Co	emplete if Known
	INFORMATION I	DISCLOSURE	Application Number	10/735,590
	STATEMENT BY	/ APPLICANT	Filing Date	December 12, 2003
			First Named Inventor	Dan Jones
	(use as many :	sheets as necessary)	Group Art Unit	2154
			Examiner Name	Not Yet Assigned
Sheet	2	5	Attorney Docket Number	45098.000014.UTL1

	U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
RNS	20	US-6018774								
RNS	21	US-6,542,936 B1								
RNS	21	US-6,295,551 B1								
RNS	22	US-6,240,444 B1								
RNS	23	US-6,192,394 B1								
RNS	24	US-6,263,365 B1								
RNS	25	US-5991276								
RNS	26	US-5930238								
RNS	27	US-5894556								
RNS	28	US-5745711								
RNS	29	US-6072463								
RNS	30	US-6049602								
RNS	31	US-5930473								
RNS	32	US-5995951								
RNS	33	US-5748898								
RNS	34	US-5761419								
RNS	35	US-6301258								
RNS	36	US-6072463								

				FOREIGN P	ATENT DOCUMEN	TS		
Examiner Initials	Cite No.1		Foreign Patent Doc try Code ³ Number ⁴ Kin		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۳۰
RNS	6	JP	JP 11249995	A				
RNS	7	PCT	WO 01/69418	A1				
RNS	8	PCT	WO 00/56050	A1				
RNS	9	PCT	WO 99/26153	A2				\vdash
	10				· · · · · · · · · · · · · · · · · · ·			

Examiner Signature	Ranadl. Senso	Date Considered	7/21/05	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number

	Substitute for form 1449A	PTO .	Co	omplete if Known
	NFORMATION		Application Number	10/735,590
S	TATEMENT BY	/ APPLICANT	Filing Date	December 12, 2003
			First Named Inventor	Dan Jones
	(use as many :	sheets as necessary)	Group Art Unit	2154
	,		Examiner Name	Not Yet Assigned
Sheet	3	5	Attorney Docket Number	45098.000014.UTL1

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RNS	37	US- 6,157,401 A			
RNS	38	US- 5,933,417 A			
RNS	39	US- 6,728,784 B1			
RNS	40	US- 6,785,244 B2			
RNS	41	US- 6,335,927 B1			
RNS	42	US- 6,411,988 B1			
ANS	43	US- 6598074		•	
RNS	44	US- 5916302			
RNS	45	US- 6061717		· · · · · · · · · · · · · · · · · · ·	
RNS	46	US- 5907324			
RNS	47	US- 6,310,941 B1			·
RNS	48	US- 6061440			
RNS	49	US- 5995606			
RNS	50	US- 5844979	•		
RNS	51	US- 5742670			
RNS	52	US- 5559875			
RNS	53	US- 5764901			
RNS	54	US- 5786814			

		·	emine Batast Deer		ATENT DOCUMEN	ITS		, -
Examiner Initials	Cite No.1	Office ³	oreign Patent Docu	Kind Code ¹ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	. 1
								Γ
								Г
								Г
								Г
								Г
								Г

Examiner	- 11 /	Date	1	
	Rawell. Lerras		7/21/05	
Signature	Ravell. Jerras	Considered		

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance

EXAMINER: Initial ir reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gog or MPEP 901.04. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute for form 1449A/	PTO	Complete if Known		
	NFORMATION I		Application Number	10/735,590	
S	STATEMENT BY	APPLICANT	Filing Date	December 12, 2003	
			First Named Inventor Dan Jones		
	(use as many s	sheets as necessary)	Group Art Unit	2154	
	,	,,	Examiner Name	Not Yet Assigned	
Sheet	4	5	Attorney Docket Number	45098.000014.UTL1	

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear			
RNS	55	US- 5953506	-					
RNS	56	US- 5978835'						
RNS	57	US- 5809250						
RNS	58	US- 5940082						
RNS	59	US- 5819243		•				
RNS	60	US- 5991796						
	ļ							
			<u> </u>		•			
			·					
			:	•	·			
			· · · · · · · · · · · · · · · · · · ·					
				,				

FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document Kind Code			Name of Patentee	Pages, Columns, Lines,		
Examiner Initials	Cite No. ¹	Office ³	. Number ^A	(fi known)	Publication Date MM-DD-YYYY	or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁰
							<u> </u>	

Examiner Signature	Bacall lenas	Date Considered	7/21/05	
-----------------------	--------------	--------------------	---------	--

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOSEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional).

*See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

*Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3).

*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

*Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Sı	ubstitute for form 1449A	PTO		Complete if Known		
	FORMATION			Application Number	10/735,590	
STATEMENT BY APPLICANT				Filing Date	December 12, 2003	
				First Named Inventor	Dan Jones	
	(use as many :	sheets as necessa	arv)	Group Art Unit	2154	
				Examiner Name	Not Yet Assigned	
Sheet	5		5	Attorney Docket Number	45098.000014.UTL1	

		NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	ner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book						
RN3	1	Odlyzko, P., et al., "Variable Rate Block Encoding and Adaptive Latency Control for Packet Voice Communications," Motorola Technical Developments, Motorola Inc. pp23:48-55 (1994)					
RN3	2	Universal Internet Conference Information System, H. Abdel-Wahab, I. Stoica, F. Sultan Informatics and Computer Science 1996					
RNS	3	Jacobs, S., et al., "Filling HTML Forms Simultaneously: CoWeb-Architecture and Functionality," Computer Networks and ISDN Systems 28(11): 1385-1395 (1996)					
ANS	4	Moralee D., "Scientific Graphics and Visualization Come to the Internet", Scientific Computing World, 1 March 1995, page 31, 33/34, 36 XP000571217 "page 34, "2: The Internet carries videoconferencing MICE across Europe"					
RNS	5	Hao MC et al, "Collaborative Computing: A Multi-Client Multi-Server Environment", Conference on Organizational Computing Systems, Milpitas, CA, Aug. 123-16, 1995 Comstock N; Ellis C (EDS) pages 206-213, XP000620968					
p Ns	6	Proceedings of the Conference on Emerging Technologies and Applications Vol. 1 1996 pp. 60-63. Vetter, RJ; Junalacada, C. "A Multimedia System for Asynchronous Collaboration"					
RNS	7	"Interactive Remote Recording and Playback of Multicast Video Conferences" W. Holfelder (1998)					
			Ť				

Examiner Signature	Rucadh. Lorras	Date Considered	7/21/05	
-----------------------	----------------	--------------------	---------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation is not in conformance

a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Batents, P.O. Box 1450, Alexandria, VA 22313-1450.

and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional).

*See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible.

*Applicant is to place a check mark here if English language Translation is attached.